

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/050909

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01F23/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 638 491 A (HART ATLEE S) 1 February 1972 (1972-02-01)	1-9
Y	column 2 - column 3; claim 1; figure 1 -----	1-9
X	EP 0 853 236 A (SMITHS INDUSTRIES PLC) 15 July 1998 (1998-07-15)	1-9
	column 1 - column 2; figure 2 -----	
X	US 5 832 772 A (MCEWAN THOMAS E) 10 November 1998 (1998-11-10)	1-9
	column 5 - column 6; figure 5 -----	
Y	US 2003/090872 A1 (ELLSWORTH MICHAEL J ET AL) 15 May 2003 (2003-05-15)	1-9
	page 3 - page 9; figure 1 -----	
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- * & * document member of the same patent family

Date of the actual completion of the international search

11 February 2005

Date of mailing of the international search report

04/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 3 404 215 A (BURKS DARNALL P ET AL) 1 October 1968 (1968-10-01) column 1 - column A; figure 1 -----	1-9
Y	EP 0 425 796 A (IBM) 8 May 1991 (1991-05-08) column 1 - column 12 -----	1-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/050909

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3638491	A	01-02-1972	NONE	
EP 0853236	A	15-07-1998	CA EP GB	2226793 A1 0853236 A1 2321107 A
				14-07-1998 15-07-1998 15-07-1998
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